

9-12-1996

# Washington University Record, September 12, 1996

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# Record

WASHINGTON  
UNIVERSITY  
IN ST. LOUIS

Vol. 21 No. 3 Sept. 12, 1996

## DEBATE UPDATE

The First Debate — September 25, 1996

### Register to vote

Student Union and the Congress of the South Forty are looking for volunteers to help with voter-registration drives. These student government groups are working with the nonprofit Rock the Vote to organize the drives, which will be held campuswide before and after the first 1996 presidential debate. For more information, call Student Union President Jackie Ulin at (314) 935-7878.

### RCGA event

The St. Louis Regional Commerce and Growth Association (RCGA) is extending an open invitation to Washington University students to attend "Election Watch '96," featuring Mara Liasson, National Public Radio's chief White House correspondent. The event begins at 11:30 a.m. Sept. 24 at the Adam's Mark Hotel, Fourth and Chestnut streets, downtown St. Louis. Liasson will offer an insider's view of the candidates and the election. The RCGA is offering students a special \$5 rate (does not include lunch) to attend the event. Tickets to the event with lunch are \$35 each. Reservations to attend (with or without lunch) are required and must be made by Wednesday, Sept. 18, by calling (314) 444-1170. Seating is limited. Students should take the campus shuttle to the Forest Park MetroLink stop, ride the train to the Eighth and Pine streets stop and walk to Fourth Street.

### Where to volunteer

Students who want to volunteer their time in connection with the presidential debate may pick up application forms in the Career Center, Room 150 Umrath Hall. The forms also are available on the center's home page at <http://www.wustl.edu/careers/>. First consideration will be given to those who apply by Thursday, Sept. 12. Volunteers are needed from Sept. 19-26. For more information, call (314) 935-4613.

### Want more information?

The University's home page is a gateway to information about the presidential debate. The address of the home page is <http://www.wustl.edu>. Once you reach the home page, click on "Information about the Presidential Debate."

### Hotlines

Call the University's Debate Hotline at (314) 935-0014 and the St. Louis-area DebateWatch '96 Hotline at (314) 935-9825.

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Cardiovascular pioneer Philip A. Ludbrook, M.D., still revels in the joy of scientific discovery

#### 'Breaking the News' ..... 6

U.S. News and World Report Editor James Fallows to lecture on how the media undermine democracy

## Cicero named vice chancellor for research

Theodore J. Cicero, Ph.D., associate vice chancellor for animal affairs and associate dean at the School of Medicine, has been appointed vice chancellor for research at Washington University. The announcement of Cicero's appointment to this new position was made Monday, Sept. 9, by Chancellor Mark S. Wrighton, Ph.D.

Cicero also is a professor of psychiatry and of anatomy and neurobiology at the medical school.

"As vice chancellor for research, Ted Cicero will play a leadership role in formulating and developing new research initiatives and will serve as a key liaison with federal, corporate and foundation sponsors of research," Wrighton said. "The vice chancellor also will be responsible for the Research Office, as well as for technology transfer, for assisting the University leadership in setting research policy, and for implementing that policy."

In his new role, Cicero will be a University officer and a member of the University Council, a group of deans and senior administrators who meet regularly to discuss broad policy issues affecting all aspects of the University.

"We are very fortunate that such an accomplished investigator and administrator has chosen to assume the responsibilities of this new position," Wrighton said. "As never before, it is critical that Washington University find new ways to support and enhance the research endeavors of its faculty. We have great confidence that Ted knows and understands the faculty perspective and can further invigorate research activities campuswide, especially through multidisciplinary efforts, identifying new funding opportunities, and facilitating technology transfer. I look forward to working with Ted to enhance our research enterprise."

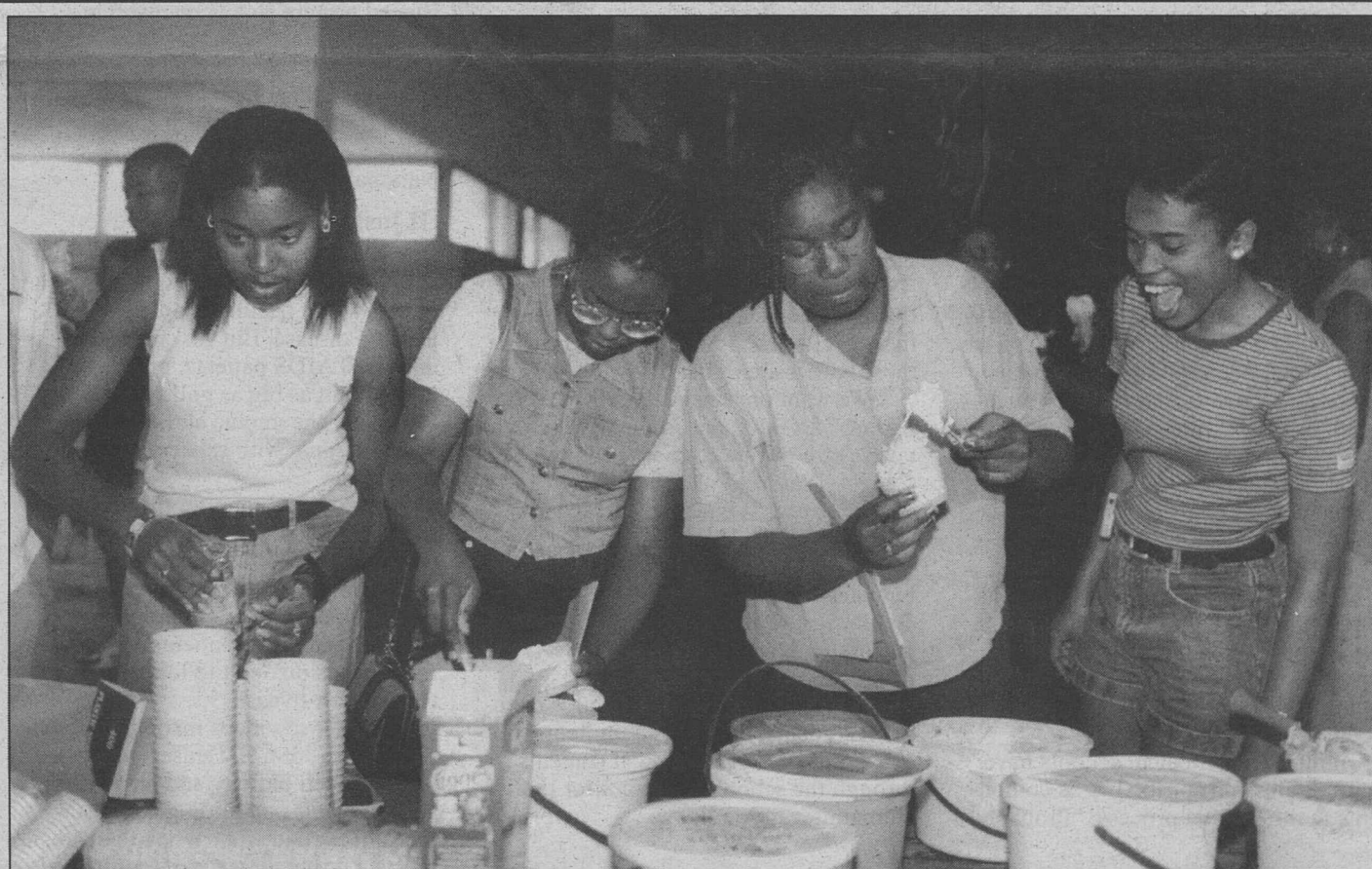
Cicero's area of expertise is the interaction between drugs of addiction or abuse and the endocrine system in mammals. Currently, he is principal investigator or co-investigator on seven separate research grants. Cicero has published more than 150 scientific articles, abstracts, monographs or chapters. Most recently, he has been engaged in researching the effects of opiates and other abused drugs on the male and female endocrine systems and what role those changes play in the nature of drug addiction.



Theodore J. Cicero

Cicero is a former chairman of the Food and Drug Administration's Drug Abuse Advisory Committee. His expertise on the neurochemistry of drug dependence led to his selection as key contributor to several National Institutes of Health federal advisory and program-

Continued on page 5



### Building friendships

From left, freshmen Ayieta Mbeche and Ijeoma Muo and sophomores Trutina Sowell and Khara Coleman make sundaes during the Association of Black Students' ice-cream social Aug. 28 in the South Forty.

## Debate tickets to be allocated to students via lottery

All tickets Washington University receives for the Sept. 25 presidential debate will be allocated to students via a computerized lottery.

And students wondering what they need to do to enter that lottery need wonder no more. All full- and part-time undergraduate and graduate students who are enrolled in one or more for-credit classes at the Hilltop or Medical campuses automatically will be entered in the lottery.

In other words, students simply need to wait and keep their fingers crossed.

The lottery "seems to be the fairest and most educationally sound way to proceed," said Chancellor Mark S. Wrighton, Ph.D.

"After reviewing the process that was

followed in 1992, and discussing the matter with trustees and faculty, we decided that Washington University will distribute any tickets it receives from the Commission on Presidential Debates to our students by means of a lottery," Wrighton said. "I hope that the fortunate students who receive tickets will consider this opportunity an important part of their Washington University education. I'm confident that they won't forget the experience of being present for this historic and important event."

A committee of student leaders agreed that a lottery would be the most equitable way to determine which students receive tickets.

Such a system was used to allot tickets to students four years ago. It operated

smoothly in 1992, when the University hosted the first debate of that year's presidential campaign, said University Registrar Stuart Yoak, Ph.D., whose office again will coordinate the lottery.

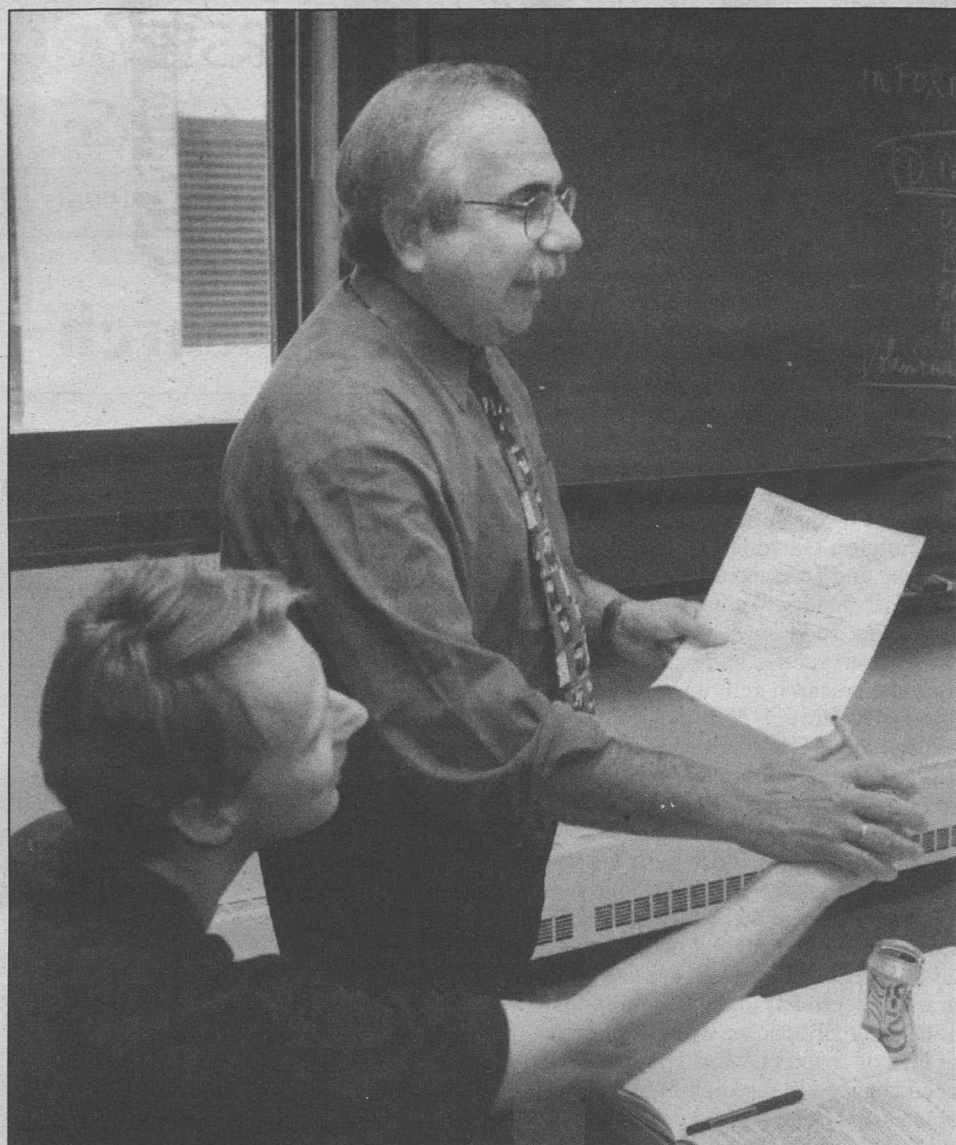
While University officials have the lottery in place for allocating the tickets, they still don't know how many tickets will be available. According to the Commission on Presidential Debates, a variety of set design, construction and security issues first must be resolved before it can be determined how many people can be seated in the debate hall.

Once these matters are settled, the Commission on Presidential Debates will distribute tickets among the presidential candidates taking part in the debate and

Continued on page 8



# Medical Update



In a new course titled "Faith and Medicine," Stephen S. Lefrak, M.D., professor of medicine, explains living wills and decision-making to first-year student Marc Herant.

## Course addresses spiritual issues

A new course this fall at the School of Medicine is exploring the role of faith in medicine. The course is designed to show physicians that spirituality is "an important part of human beingness," said Stephen S. Lefrak, M.D., professor of medicine and developer of the course.

The course, titled "Faith and Medicine," is funded by a \$10,000 grant from the National Institute for Healthcare Research, a private nonprofit organization that collects, publishes and reviews research on the roles religion and spirituality play in health.

Washington University is one of six medical schools awarded grants to develop such a course.

The course will explore a variety of issues related to faith and healing, including how some patients use faith to cope with illness; different religious coping styles; and the students' own thoughts about religion.

Traditionally, medical schools have ignored faith and spirituality as components in the healing process. "Probably,"

Lefrak said, "out of concern that discussing religion would have a negative impact on the neutral faith community outlook of the medical school. But this course will not try to make chaplains out of physicians."

Instead, the course will show students that many patients have spiritual needs that shouldn't be ignored simply because those beliefs aren't shared by the physician.

"We want physicians to talk about a patient's spiritual needs and put them in touch with the appropriate hospital resources," said Lefrak.

The course is a team effort led by Lefrak, with the help of Thomas Gallagher, M.D., assistant director of the humanities program, and Rabbi Jay Goldburg and the Rev. Arthur Lucas, both pastoral-care clergy for Barnes-Jewish Hospital.

"Faith and Medicine," which is open to all students, builds on a minicourse offered to first-year medical students through the school's Program for the Humanities in Medicine. — Nancy Mays

## Wrighton to speak in 21st century series

Chancellor Mark S. Wrighton, Ph.D., will discuss "Teeny Tiny Chemistry: Approaches to Molecular Electronics" from noon to 1 p.m. Tuesday, Sept. 17, as part of the fall semester's 21st Century Lecture Series. The lecture will be held in the King Center on the seventh floor of The Bernard Becker Medical Library. Complimentary box lunches will be served at 11:45 a.m.

The lecture series is sponsored by the Washington University Woman's Club

and the Office of the Associate Vice Chancellor for Academic Planning.

Wrighton has been featured in *Fortune*, *Business Week*, *Science Digest* and *Esquire* as one of the nation's leading scientists. He holds 14 patents and is the author of more than 400 research papers.

The lectures are free and open to members of the University community. For more information, call (314) 935-5151.

## Personal safety, security topic of seminar

Richard D. Ruddle and T. Michael Murphy, senior supervisors in the Protective Services Department, will give a lecture titled "Security 101" from noon to 1 p.m. Thursday, Sept. 19, in Cori Auditorium on the first floor of the McDonnell Medical Sciences Building. They will address personal safety and security.

The brown-bag lecture, which is open to medical school faculty, staff and students, is the fourth in a series of educational opportunities sponsored by the School of Medicine's Central Administration. For more information, call Barbara Hebrank at (314) 362-8252.

## Scientists discover a new way some parasites can enter cells

Some burglars walk through the front door. Others make a forced entry. Scientists now have discovered that some disease-causing microorganisms can push their way into cells, in contrast to the usual passive mode of entry.

"Now that we've found out how these parasites get into cells, we have a possible target for future drug development," said L. David Sibley, Ph.D., assistant professor of molecular microbiology.

Sibley's group studies *Toxoplasma*, a protozoan that infects animals and humans — killing AIDS patients and disabling unborn babies. "But this way of getting into host cells probably is a general mechanism for a group of related parasites that cause disease in humans and animals," said Sibley, who also is a Burroughs Wellcome Fund New Investigator in Molecular Parasitology. "They include *Plasmodium*, the protozoan that causes malaria, and *Cryptosporidium*, the water-borne microbe that can trigger deadly outbreaks of diarrhea."

Sibley and graduate student Janice M. Dobrowolski discovered that *Toxoplasma* forces its way into host cells with a motor made of actin. This rod-shaped protein also is involved in muscle contraction.

The work was reported in a recent issue of *Cell* and was supported by a grant from the National Institute of Allergy and Infectious Diseases at the National Institutes of Health.

### "It just eats and eats"

Humans can acquire *Toxoplasma* from cat litter boxes or by eating undercooked meat, though healthy people do not develop disease. But *Toxoplasma* kills one in 20 AIDS patients, making holes in the brain as big as golf balls. It also can cause pneumonia and other disorders in people with cancer or organ transplants.

Birth defects ranging from visual problems to mental retardation can result when *Toxoplasma* infects babies in the womb. The most effective antibiotics cannot be given to pregnant women, and AIDS patients may find these drugs difficult to tolerate for the rest of their lives.

Time-lapse videos made in collaboration with John E. Heuser, M.D., professor of cell biology and physiology, show *Toxoplasma* gliding along surfaces, front end first. When the parasite meets a host cell, it makes contact, also with its front end. Once it has latched on, it pulls the host cell's outer membrane over itself.

"It's like pulling a sock over a foot," Sibley explained. "This flips the parasite into the cell, surrounded by membrane. Once it's in the grocery store, it just eats and eats, dividing every six hours. After a day or two, the host cell bursts, spilling out parasites that in turn destroy other cells."

Previous knowledge of cell entry came from studies with bacteria and viruses, which ring a host cell's doorbell to get in. The doorbell is a receptor on the cell surface that triggers a process called endocytosis. In this case, the outer membrane of the cell enfolds the microbe and takes it into the cell.

"But host cells eventually digest most of the particles they take in by endocytosis," Sibley said, "whereas *Toxoplasma* gets into the cell in a vacuole that completely resists fusion and digestion. This suggests that the parasite may enter the cell by a novel mechanism."

A chemical called cytochalasin prevents *Toxoplasma* from both gliding and getting into cells. Because actin is very sensitive to this chemical, scientists thought the actin motor that moves the parasite also might enable it to invade. This idea could not be confirmed because cytochalasin affects both parasite and host. It also blocks the uptake of bacteria by host cells.

To resolve this issue, Dobrowolski used a host cell that was resistant to cytochalasin. She then looked at how well *Toxoplasma* invaded the resistant mutant cells compared with unaltered

host cells. In both cases, cytochalasin drastically inhibited invasion.

"Inhibition when the host cell is resistant to cytochalasin suggests the chemical is acting mainly on the parasite," Sibley said.

— L. David Sibley

Dobrowolski also made *Toxoplasma* resistant to cytochalasin. In this case, the parasite was able to invade just as well as unaltered *Toxoplasma*. "This mutant's ability to enter unaltered host cells in the presence of cytochalasin proves that the parasite's actin is essential for invading host cells," Sibley said.

The discovery of forced entry suggests new ways of thinking about blocking such invasions. It may be possible to disable *Toxoplasma*'s actin, which is regulated in a different way from that of humans. Disrupting the molecules that link the actin motor to the outside world and allow attachment to the host cell membrane also may be possible, once such molecules are found.

"These protozoans must get into cells to survive and reproduce," Sibley said. "So now that we know what the motor is, it may be possible to develop better treatments for these parasitic diseases."

— Linda Sage

## Record

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Record (USPS 600-430; ISSN 1043-0520), Volume 21, Number 3/Sept. 12, 1996. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63130. Periodicals postage paid at St. Louis, Mo.

### Address changes and corrections:

Postmaster and non-employees: Send to Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO, 63130.

Hilltop Campus employees: Send to Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO, 63130.

Medical Campus employees: Send to Payroll Office, Washington University, Campus Box 8017, 660 S. Euclid, St. Louis, MO, 63110.

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Washington

WASHINGTON UNIVERSITY IN ST. LOUIS



# Washington People

## Ludbrook pivotal in heart attack treatment

**P**hilip A. Ludbrook, M.D., is still having fun. The soft-spoken professor of medicine and of radiology and pioneer in cardiovascular sciences said he still revels in the joy of scientific discovery. Ludbrook's influential role in one of the great triumphs of modern medicine, however, remains his most humbling lesson.

As one of the founding members of the Division of Cardiovascular Sciences, Ludbrook's perspective is unique. He helped build one of the pillars of the School of Medicine — seeing the division grow from five doctors to 55 — only to become a pillar himself through his own history-making clinical research.

Ludbrook helped establish the clot-busting drug t-PA (tissue plasminogen activator) as the primary treatment for acute heart attack in the United States. He was the first clinician in the country to administer t-PA in its original form to a patient and was pivotal in gaining initial federal support for large clinical trials. Indeed, part of the "fun" for Ludbrook has been helping nurture innovations that save lives.

"I suppose it was the humanistic side of medicine rather than the biological side that really attracted me," Ludbrook said.

A spiritual man who once considered the ministry, Ludbrook said he ultimately was swayed by a physician-uncle while growing up in southern Australia.

"I learned early on to revere his knowledge. He always had something interesting to talk about and something valuable to contribute," Ludbrook said. "I saw his level of dedication and commitment, which meant a lot to me because I was a fairly conscientious and religious sort of chap."

As a student, Ludbrook said, he had little flair for math but found physics fascinating. His mechanical bent fueled a brief interest in engineering. Meanwhile, Ludbrook's parents instilled a deep appreciation for literature and writing. He remains a voracious reader — of medical journals and classical and contemporary literature — and has written more than 180 journal articles.

### Hydraulics of the heart

Though the decision to become a doctor was tough, Ludbrook said, clinical cardiology seemed a natural path. "I think cardiology became an obvious choice very early partly because the people who nurtured me were cardiologists and partly because of my earlier bent toward mechanical engineering," he said. "The heart, after all, is a pump, and the blood vessels are a hydraulic system. It seemed one could apply physics to the physiology of the heart better than most other biological systems."

After graduating from medical school in Australia and the Royal Post-Graduate Medical School at the University of London, Ludbrook embarked on a fellowship at the University of California at San Diego (UCSD) to advance his skills and interest in cardiac catheterization.

"Moving around the world with a young family was exciting but very challenging," Ludbrook said. "I took my cardiology board exams three times in three different countries."

It was at UCSD that Ludbrook met the most influential man of his career — Burton E. Sobel, M.D. Sobel was director of the UCSD myocardial infarction research unit at the time, but he soon would leave for Washington University in 1973 to build and direct cardiology into a division of national prominence. Sobel brought Ludbrook with him to establish and direct the cardiac catheterization lab, a burgeoning clinical novelty at the time.

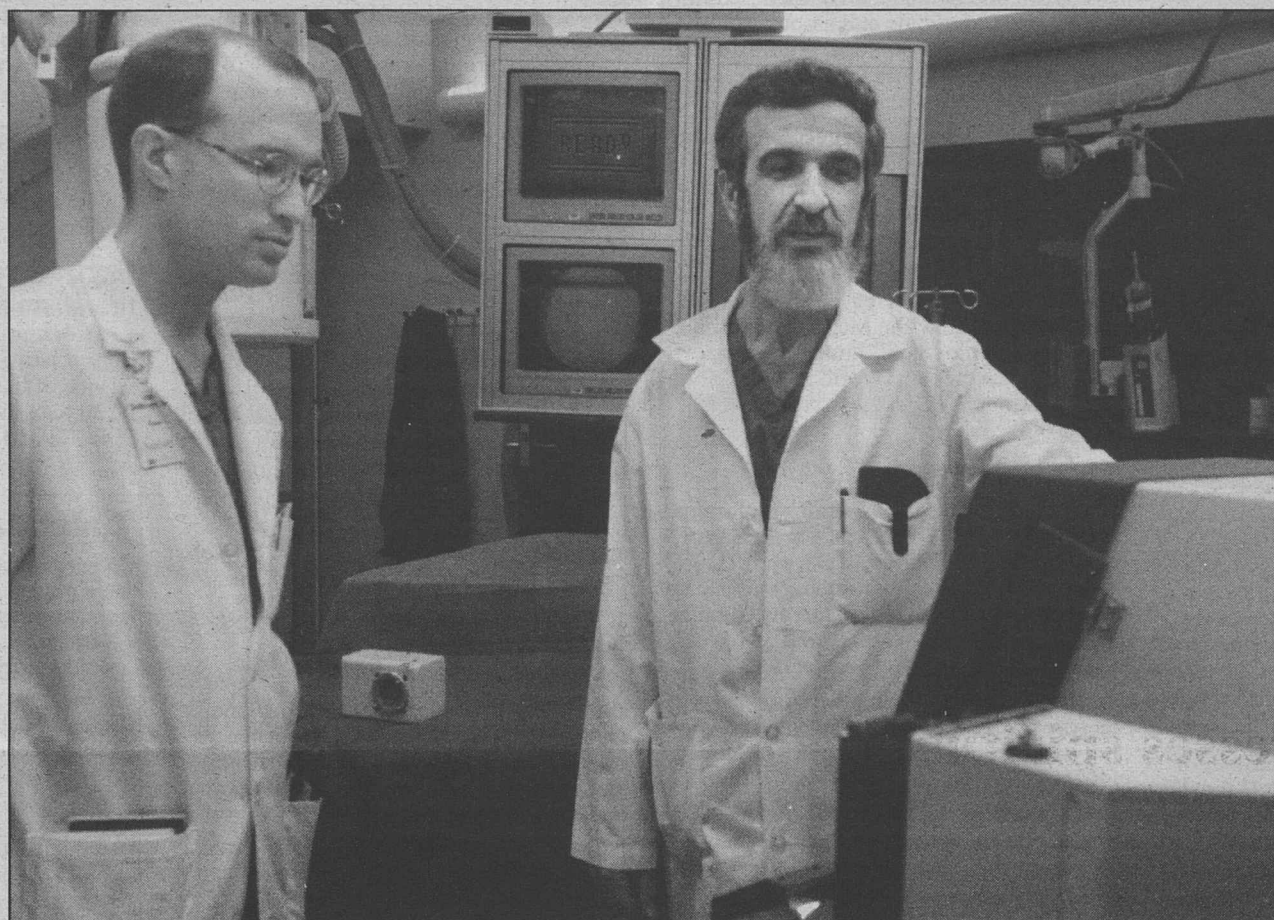
"Dr. Ludbrook handles cardiology in the way that, idealistically, you would want it to be handled," said Sobel, who now is the E. L. Amidon Professor and chair of the Department of Medicine at the University of Vermont. "There is no more compassionate, technically adept and highly motivated cardiologist whom I know."

Likewise, Ludbrook said he reveres his mentor, in part for his dedication and imagination. In particular, Sobel's fascination with the swift translation of basic research from the laboratory to the bedside influenced Ludbrook.

"That was really where Sobel's genius lay and where he wanted to make his scientific contributions. He was

way ahead of his time," Ludbrook said. "He would come around to talk over a cup of tea and ask, 'What have you done this week that's been fun?' It was his charismatic way of encouraging creativity. It nurtured us to become, likewise, very enthusiastic and dedicated. To him, all of science and clinical care was one's way of having fun."

During one such conversation with his mentor, Ludbrook first heard of t-PA. Sobel spoke of a Belgian scientist named Désiré Collen who had isolated the natural human protein that could break up the blood clots that cause most heart attacks. Ironically, t-PA originally was purified from cultured human melanoma cells — the most dangerous form of cancer.



Van H. De Bruyn, M.D., left, a fellow in cardiology, and Philip A. Ludbrook, M.D., view a coronary ciné arteriogram in the catheterization lab.

"I suppose it was the humanistic side of medicine rather than the biological side that really attracted me."

"Sobel had heard about Collen and made contact with him and — as he always was rather persuasive — convinced Collen that we should set up a collaborative study. Fortunately, a celebrated alliance grew," Ludbrook said.

The science of breaking up clots in blood vessels — particularly the arteries of the heart — is called thrombolysis, or thrombolytic therapy. The concept was born in the late 1950s at a time when a typical heart attack patient was treated with six weeks in bed and family members were told to keep praying, Ludbrook said. It took 20 years for the first conventional agents to be applied clinically. The first to emerge was streptokinase, a bacterial protein that acts as a trigger of the body's clot-dissolving system. A similar product called urokinase also was studied.

The novelty of t-PA was that it acted specifically on blood clots, not the entire clot-dissolving system. When injected directly into the coronary artery, t-PA triggers a cascade that ultimately converts the natural protein plasminogen into plasmin. Plasmin in turn helps break down fibrin, the sticky mesh of all blood clots.

The alliance established with Collen led to the first use of melanoma-derived t-PA at Washington University in heart attack patients. Their research yielded proof that t-PA could stop a heart attack in its tracks.

Ludbrook said he never will forget the night he first administered the drug to a heart attack victim.

"I told him, 'It comes from cancer cells, and we've never given it to a patient in America.' And he said, 'Doc, you know what you're doing. I trust you.' I still admire that man's courage," Ludbrook said.

The full research team was on hand as the patient's pain slowly eased.

"There was absolute jubilation!" Ludbrook said.

"I went home triumphant that night, woke up my family and said, 'We've made history!'"

Data from the pilot study, published in the March 8, 1984, issue of the New England Journal of Medicine, detailed how the agent relieved coronary clots in six of the first seven human patients. The article launched t-PA into clinical research. Industry soon provided a genetically engineered form for mass production.

Ludbrook was pivotal in influencing the National Institutes of Health (NIH) to undertake the first large-scale, comparative trial of thrombolytic agents in the United States. The trial pitted t-PA against the then conventional therapy, streptokinase. Many colleagues

cite Ludbrook's resolve, his credibility in the research community and his commitment to the notion that thrombolytic drugs would be beneficial as major factors in the NIH's endorsement. Ludbrook directed the clinical unit at Washington University of the first Thrombolysis In Myocardial Infarction (TIMI) multicenter trial.

"Dr. Ludbrook was key in helping establish the framework for TIMI," said Michael E. Cain, M.D., the Lewin Professor of Medicine and director of the Cardiovascular Division. "The TIMI trials established that coronary artery interventions, and specifically thrombolysis, had a favorable impact in patients following acute myocardial infarction (heart attack). It was one of the seminal studies to establish that aborting a heart attack improved morbidity and mortality."

The NIH-sponsored trial proved pivotal in a heated debate, showing that t-PA was indeed superior to

streptokinase in the patients studied. Thrombolysis became the immediate focus of cardiovascular research throughout the world. Subsequent TIMI trials brought many medical disciplines and research centers together in a multitude of comparative studies that continue today. The Food and Drug Administration approved t-PA for clinical use in November 1987.

Heart attacks remain the leading killer in the United States, but t-PA has proven itself by reducing the risk of death by 50 percent when administered within six hours after the onset of a heart attack. Ludbrook used the big news of FDA approval to issue an important caveat: t-PA is of little use if it is not administered quickly.

"We made it clear, through all sorts of media, that speed was essential in administering thrombolytic therapy," Ludbrook said.

### 'Seeing that research is ethical'

As associate dean and chair of the Human Studies Committee, Ludbrook has continued to influence the course of human research at the University. He directs the entire process of internal review while personally chairing one and sitting on all four review committees that examine investigational proposals. On average, Ludbrook supervises the review of more than 3,000 projects a year. He calls it his "alter ego" but insists it is part of the fun of research and academia. Ludbrook also directs the Center for Adults with Congenital Heart Disease.

"Dr. Ludbrook is a gracious gentleman and a truly concerned individual who gives a lot of his time to seeing that research is ethical," said Patricia M. Scannell, administrator of the Human Studies Committee. "He takes the committee's mission to protect the rights and welfare of human subjects very seriously, but he is also committed to understanding the investigator's concerns, and he'll go out of his way to help get their needs met."

Aside from his work, Ludbrook said, the source of his inspiration, his greatest support and highest pride is his wife, Helen. They have three adult sons, Andrew, Christopher and Gregory, and two granddaughters. The family often spends time together at their lakeside retreat in the Ozarks.

"My wife has allowed me the freedom to organize my life around my work, but my most rewarding role has been to experience our sons growing up to be successful, independent, creative and fun-loving family men. I tell them, 'You have to enjoy what you're doing every day,'" Ludbrook said.

— George Corsiglia



# Calendar

Visit Washington University's on-line calendar at <http://cf6000.wustl.edu/calendar/events/v1.1>

## Sept. 12-21



## Exhibitions

**"Art & Science: Investigating Matter."** Through Nov. 3. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-4:30 p.m. weekdays; 1-5 p.m. weekends. 935-5490.

**"Print Portfolios."** Through Sept. 22. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. 935-4643.



## Lectures

### Thursday, Sept. 12

**11:15 a.m. Social work seminar.** "Proposal Critique: Depression and Mental Health Service Utilization in Community Long-term Care," Nancy Morrow-Howell, assoc. prof. of social work, and Enola Proctor, the Frank J. Bruno Professor for Social Work Research and director, Center for Mental Health Services Research. Room 353 West Campus Administrative Center. 935-5687.

**Noon. Genetics seminar.** "Ubiquitin-mediated Proteolysis in Yeast; Role of Cdc34 and Involvement in the Cell Cycle," Amit Banerjee, Wayne State U. School of Medicine, Detroit. Room 823 McDonnell Medical Sciences Bldg. 362-7072.

**12:15 p.m. Social work seminar.** "Proposal Critique: Homeless Drug Abusers: Service Use, Costs and Outcomes," David Pollio, asst. prof. of social work, and Carol North, asst. prof. of psychiatry. Room 353 West Campus Administrative Center. 935-5687.

**2:30 p.m. Mechanical engineering seminar.** "Numerical Simulation of Electromagnetic Turbulence Control," Linda D. Kral, principal technical specialist, McDonnell Douglas Corp., St. Louis. Room 100 Cupples II Hall. 935-6055.

**4 p.m. Arts and Sciences seminar.** "African-American Art and its Audience," Tricia Rose, asst. prof. of history and of Africana studies, New York U. Steinberg Hall Aud. A panel discussion will be at 7:30 p.m. in Room 149 McMillan Hall. 935-8556.

**4 p.m. Biology seminar.** "What to do After the Comparative Method: Investigating Complex Cases of Adaptation," E. N. Arnold, British Museum of Natural History. Room 322 Rebstock Hall. 935-6860.

**4 p.m. Chemistry seminar.** "Redox-switchable Hemilabile Ligands: From Molecules to Materials," Chad Mirkin, prof. of chemistry, Northwestern U. Room 311 McMillan Lab. 935-6530.

**4 p.m. Earth and planetary sciences colloquium.** "Dynamics and Convection in the Atmospheres of the Outer Planets," Michael D. Smith, postdoctoral associate, Laboratory of Extraterrestrial Physics, NASA Goddard Space Flight Center. Room 362 McDonnell Hall. 935-5610.

### Friday, Sept. 13

**9:15 a.m. Pediatric Grand Rounds.** The 11th Philip R. Dodge Lecture. "Brain Injury in the Premature Infant: Current Concepts," Joseph J. Volpe, the Bronson Crothers Professor of Neurology, Harvard U. Medical School, and neurologist in chief, Children's Hospital, Boston. Clopton Aud., 4950 Children's Place. 454-6042.

**Noon. Cell biology seminar.** Topic and speaker to be announced. Room 426 McDonnell Medical Sciences Bldg. 362-3365.

### Tuesday, Sept. 17

**Noon. 21st Century Lecture Series.** "Teeny Tiny Chemistry: Approaches to Molecular Electronics," Chancellor Mark S. Wrighton. King Center, seventh floor, The Bernard Becker Medical Library. (See story on page 2.) 935-5151.

**12:10 p.m. Physical therapy research seminar.** "Interactive Effects of Exercise and Estrogen on Bone Mineral Density," Wendy Kohrt, research assoc. prof. of medicine. Classroom C Forest Park Bldg., 4444 Forest Park Blvd. 286-1400.

**4 p.m. Chemistry seminar.** "Chemistry in Solution vs. Catalysis on Surfaces: How Do We Bridge the Gap?" Frank Feher, prof. of chemistry, U. of Calif., Irvine. Room 311 McMillan Lab. 935-6530.

### Wednesday, Sept. 18

**6:30 a.m. Anesthesiology Grand Rounds.** "STAT but not FAS (+) Control of Airway Immunity and Asthma," Michael J. Holtzman, the Selma and Herman Seldin Professor of Medicine and assoc. prof. of cell biology and physiology. Wohl Hospital Bldg. Aud., 4960 Children's Place. 362-6978.

**8 a.m. Obstetrics and Gynecology Grand Rounds.** "Issues in the Management of Labor Induction," Lawrence Devoe, director, Maternal Fetal Medicine Division, Medical College of Georgia. Clopton Aud., 4950 Children's Place. 454-7886.

**11 a.m. Assembly Series lecture.** "Breaking the News: How the Media Undermine American Democracy," James Fallows, editor, U.S. News and World Report. Graham Chapel. (See story on page 6.) 935-5285.

### Thursday, Sept. 19

**12:45 p.m. Social work seminar.** "Proposal Critique: African-American Caregivers of Elderly at Middle Age and Beyond: Their Mental and Personal Well-being and Mental Health Service Utilization," Letha Chadiha, asst. prof. of social work. Room 371 West Campus Administrative Center. 935-5687.

**4 p.m. Cardiovascular bioengineering lecture.** "Cardiovascular Development," Larry Taber, prof. of mechanical engineering, U. of Rochester, New York. Room 507 Lopata Hall. 935-6164.

**5 p.m. Radiology lecture.** The Norman K. Probstin Oncology Lecture. "Expectant, Radiation and Surgical Therapy for Localized Prostate Cancer: A Urologist's Viewpoint," Paul F. Schellhammer, chair, Dept. of Urology, Eastern Virginia Medical School. Scarpellino Aud., first floor, Mallinckrodt Institute of Radiology, 510 S. Kingshighway Blvd. 362-9713.

### Friday, Sept. 20

**Noon. Cell biology and physiology seminar.** "Regulation of Amiloride-sensitive Na<sup>+</sup> Channels," Dale J. Benos, prof. of physiology and biophysics, U. of Alabama. Cell Biology Library, Room 423 McDonnell Medical Sciences Bldg. 362-6950.



## Performances

### Friday, Sept. 20

**8 p.m. Edison Theatre's "OVATIONS!" series** presents The Nylons. (Also Sept. 21, same time. An "ovations! for young people" show will be at 2 p.m. Sept. 21.) Cost: \$23 for the general public; \$18 for senior citizens and WU faculty and staff; and \$12 for WU students. The "ovations! for young people" show is \$12 for everyone. Edison Theatre. (See story on page 5.) 935-6543.



## Miscellany

### Thursday, Sept. 12

**Office of Continuing Medical Education symposium registration begins.** "New Techniques in Urogynecology." To be held

Oct. 26 in the Eric P. Newman Education Center. Registration open through Oct. 25. 362-6891.

### Office of Continuing Medical Education symposium registration continues.

"Laparoscopic Common Bile Duct Exploration and Ultrasound Imaging Course." To be held Sept. 27-28 in the Eric P. Newman Education Center. Registration open through Sept. 26. 362-6891.

**Office of Continuing Medical Education symposium registration continues.** "22nd Symposium on Obstetrics and Gynecology." To be held Oct. 10-11 in the Eric P. Newman Education Center. Registration open through Oct. 9. 362-6891.

**Office of Continuing Medical Education symposium registration continues.** "Contemporary Cardiothoracic Surgery." To be held Oct. 17-19 in the Eric P. Newman Education Center. Registration open through Oct. 16. 362-6891.

### Friday, Sept. 13

**10 a.m.-5 p.m. Fifth annual Career Fair.** "Gateway to the Future," sponsored by the Society of Black Engineers. Francis Gym. 935-6115.

**Hillel Center event.** Rosh Hashana services. Conservative service: 7:30 p.m. in Edison Theatre. (Also Sept. 14 and 15, 9 a.m.) Reform service: 7:30 p.m. at Hillel Center. (Also Sept. 14, 10 a.m.) 726-6177.

**Hillel Center event.** "High Holy-Wood: A Rosh Hashana Alternative." Woody Allen's film "Crimes and Misdemeanors" will be shown, followed by discussion led by Rob Goldberg, director, Hillel Center. Campus Y. 726-6177.

### Saturday, Sept. 14

**10 a.m.-1 p.m. University College workshop.** "Internet for Journalists (and Others)." Instructed by Tatnall Warner, editor for electronic media, St. Louis Post-Dispatch, and lecturer in communications and journalism. Continues Sept. 21. Cost: \$60. For more info. and to register, call 935-6788.

### Monday, Sept. 16

**2:15-3:45 p.m. University College short course.** "From Mozart to John Adams: A Fast Ride Through Two Centuries With the Saint Louis Symphony Orchestra." Instructed by Sue Taylor, lecturer in music and director, Friends of Music. Continues Mondays through Oct. 14. (No class Sept. 23.) Cost: \$80 for the general public, \$70 for Friends of Music members. For more info. and to register, call 935-6788.

## Volunteers to help spruce up Forest Park SE

The Forest Park Southeast neighborhood will shine a little brighter Sept. 28 when scores of volunteers and residents join forces to clean, paint and landscape three blocks in the area.

The one-day neighborhood clean-up program, known as Block-Aid, is the brainchild of Neighborhood Housing Services (NHS) of St. Louis, which started the program in 1991. This year, the Washington University Medical Center Community Revitalization Program is joining forces with NHS and the Forest Park Southeast Housing Corp. to bolster the neighborhood's exterior.

Organizers are calling for volunteers from throughout the University community to join neighborhood residents and corporate volunteers to make this year's Block-Aid a success. About 600 volunteers — working from a couple of hours to all day — are needed to help with exterior home repairs, landscaping and general clean-up.

**5:30 p.m. University College brown-bag roundtable.** "University College Connections." Meet and talk with representatives from the Arts and Sciences Computing Center, the Career Center, the Writing Center and Student Educational Services. Bring your own dinner; drinks provided. Room 30 January Hall. 935-6793.

### Wednesday, Sept. 18

**7-9 p.m. Hillel Center event.** "Reflections for a New Year: Body Image and Jewish Identity." Presented by REFLECTIONS, a peer-education group. Women's Resource Center, Room 262 Umrath Hall. 726-6177.

### Thursday, Sept. 19

**7:30 p.m. Hillel Center event.** "Massive Twister Challenge: A Night of Big Games and Fun." Hillel Center, 6300 Forsyth Blvd. 726-6177.

### Friday, Sept. 20

**11:30 a.m. Washington University Toastmasters For Oratorical Readiness meeting.** Room 241 Compton Hall. 935-5934.

### Saturday, Sept. 21

**10 a.m. Hillel Center event.** Shabbat services and lunch. Participate in the Conservative Minyan's first Shabbat service of the year. Lunch begins at 12:30 p.m. Hillel Center, 6300 Forsyth Blvd. 726-6177.

## Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name(s) of speaker(s) and affiliation(s), and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Campus Box 1070 (or via fax: (314) 935-4259). Submission forms are available by calling (314) 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule or any other information, please call (314) 935-4926.

Professional contractors will donate labor, time and supplies.

The Forest Park Southeast neighborhood is immediately south and east of the Medical Center.

The clean-up complements the long-term Forest Park Southeast revitalization effort that received a boost last year when Washington University, in partnership with the neighborhood and the City of St. Louis, obtained a five-year \$2.4 million grant from the U.S. Department of Housing and Urban Development. One of the revitalization effort's main goals is to improve the physical condition of the neighborhood.

Last year, Block-Aid volunteers laid 225 yards of sod, applied 170 gallons of paint and installed 144 feet of new fencing at 72 homes in another St. Louis neighborhood.

To volunteer, call the NHS at (314) 381-8900, the Community Revitalization Program at (314) 652-0895 or the medical school at (314) 362-8252.

## Free self-defense class offered to women

A free self-defense class for female students, faculty and staff will begin Wednesday, Sept. 18, in Lambert Lounge, Room 303 Mallinckrodt Center.

The class will meet from 4:30 to 6 p.m. every Wednesday for six weeks (except on Sept. 25 because of the presidential debate). Participants must attend all six weeks of instruction. Rachel Fisher, a graduate student in the George

Warren Brown School of Social Work, will teach the class.

Pre-registration is required. Interested women should reserve a space by calling the Office of Residential Life at (314) 935-5037. Class size is limited.

The class is sponsored by the Washington University Police Department, the Office of Student Affairs and the Office of Residential Life.





The Klezmatics will bring their version of Jewish folk music to Brookings Quadrangle on Sept. 26.

## Hillel Center's 50th anniversary kicks off with outdoor folk concert

The Jewish new year will kick off in high spirits at Washington University with a communitywide outdoor concert Sept. 26 by the world-renowned band The Klezmatics.

The band will get things cooking with their unique brand of klezmer (Jewish soul music) at 7 p.m. in Brookings Quadrangle. Pre-show entertainment begins at 6 p.m. The rain location is Graham Chapel. The concert marks the first event in the yearlong celebration of the St. Louis Hillel Center's 50th anniversary.

Playing an assortment of horns, strings, accordion and drums, along with Yiddish vocals, The Klezmatics' performances of traditional Jewish folk tunes with a contemporary flair has put them on the leading edge of the klezmer revival. The New York-based sextet incorporates elements of jazz, rock, classical and musical humor into its act while remaining mindful of the Eastern European Jewish tradition from where klezmer music originated.

The Klezmatics have been featured on the PBS' "Great Performances" series and the BBC's "Rhythms of the World" program. They also have appeared on MTV and "The Late Show with David Letterman." Their latest album, "Jews With Horns," released in 1995, is an international hit, reaching the top of the

European World Music charts and U.S. college play lists.

Opening for The Klezmatics will be a variety of University student performers, including jugglers, clowns and a cappella groups. Members of the Alpha Epsilon Pi fraternity will sell kosher concessions, with the proceeds going to the Pediatric AIDS Foundation of St. Louis.

The public is invited to bring blankets to sit on the lawn, or people may sit in chairs that will be provided. The event is sponsored by the Hillel Center and various organizations at the University and throughout the St. Louis area.

The chair for the 50th anniversary celebration is Rosalind J. Neuman, Ph.D., research assistant professor of psychiatry. The honorary co-chairs are University supporter Alvin Goldfarb and William H. Danforth, chairman of the Board of Trustees and former chancellor.

Tickets for adults are \$8 in advance and \$10 at the door, which will be the main Brookings entrance at the east end of the quadrangle. Tickets are \$5 for those 65 and older and children 18 and younger and free for all University students with valid identifications. Tickets are available at the Hillel Center, 6300 Forsyth Blvd.

For more information, call (314) 726-6177.

The sextet incorporates elements of jazz, rock, classical and musical humor into its act ...

## Cicero to oversee Research Office — from page 1

review committees. He has held or now holds editorial positions with the Journal of Pharmacology & Experimental Therapeutics, the Journal of Studies on Alcohol, and Drug and Alcohol Dependence.

In his capacity as associate vice chancellor for animal affairs, Cicero has held Universitywide responsibility for managing and coordinating the review of research protocols utilizing animal models. He assumed those responsibilities in 1991, after serving first as a member of the internal committee that reviews animal studies and later as chair of the committee and the director for animal affairs at the medical school.

Cicero will retain oversight of research activities involving animal models and will continue to supervise the University's Division of Comparative Medicine. Additionally, he will assume administrative responsibility for the University's Research Office, a service center that assists faculty in effectively seeking research funding from government, private and corporate sources and that attunes faculty to potential connections between their own discoveries and opportunities for technology transfer.

Cicero and the Research Office staff will work closely with the gifts and grants offices in the University's re-

search-oriented professional schools and graduate programs. He also will serve as a resource to faculty members and to deans on conflict-of-interest issues.

Cicero came to Washington University in 1968 as a neurochemistry postdoctoral fellow in the Department of Psychiatry. He became an assistant professor of neuropsychobiology in psychiatry in 1970; associate professor of neuropharmacology in psychiatry in 1974; and professor of neuropharmacology in psychiatry in 1978. Since 1976, Cicero has held a co-appointment in the Department of Anatomy and Neurobiology and attained the rank of professor of neurobiology in that department in 1982.

Cicero's interests in research development broadened to include departmental responsibilities in 1990, when he became the psychiatry department's director of research development. Since 1992, he has held a psychiatry department administrative appointment as vice chairman for research.

After receiving a bachelor's degree in psychology from Villanova University, Cicero in 1966 obtained a master's degree and in 1968 a doctoral degree, both from Purdue University.

Cicero and his wife, Angela, live in Olivette and have four children.

## 'Melody, melody, melody' takes center stage when The Nylons make Edison Theatre debut

The Nylons, superstars of the modern a cappella movement, will kick off the 1996-97 "OVATIONS!" series with three concerts Sept. 20 and 21.

The quartet from Toronto will get fingers snappin' at 8 p.m. Sept. 20 and 21 in Edison Theatre. The group also will perform an "ovations! for young people" concert at 2 p.m. Sept. 21. The performances mark The Nylons' Edison premiere.

Washington University a cappella group The Pikers will open for The Nylons for the evening performances.

Founded in 1979, The Nylons quickly sang their way to the top of radio play lists worldwide with such covers as "The Lion Sleeps Tonight," "Up the Ladder to the Roof" and "Kiss Him Good-by." More than 15 years and several personnel changes later, The Nylons continue to perform to sold-out crowds worldwide. To date, the group has sold more than 2 million copies of its 10-album catalogue.

The key ingredients in a Nylons tune are simple, said 13-year veteran Arnold Robinson. "Melody, melody, melody," he said. "That's what people go away with — humming the melody. That's what we try to do with all of our songs — take what's there and enhance it."

What they take are the best hits from the 1950s, '60s and '70s and "Nylonize" them with tight, rich harmonies and a driving percussion beat. The sophisticated arrangements run the musical gamut from rock 'n' roll and country to doo-wop and original tunes.

The Nylons' current lineup features Robinson on bass, Claude Morrison and Garth Mosbaugh on tenor and Gavin Hope on baritone. An egalitarian group, the four weave their seamless sound with each taking the solo spotlight and then stepping back to harmonize.

The Edison concerts will include a cross-section of songs from The Nylons' long career, including new tunes from the latest album, "Run For Cover," which contains such classic covers as The Beach Boys' "God Only Knows" and the Beatles' "Lady Madonna."

Tickets are \$23 for the general public; \$18 for senior citizens and University faculty and staff; and \$12 for University students. Tickets to the "ovations! for young people" concert are \$12 for everyone.

Tickets are available at the Edison Theatre box office (935-6543) or through Metrotix (534-1111).

## Sports

Compiled by Mike Wolf, director, and Kevin Bergquist, asst. director, sports information.

### Football Bears blank Rhodes in their opener

Sparked by a tenacious defense, the 20th-ranked Washington University football team rolled over Rhodes College 44-0 in its season-opening game in Memphis, Tenn. The victory extended the Bears' winning streak vs. non-conference opponents to nine and its season-opening win string to seven. Defensive backs Chris Nalley and Brandon Lemmons jump-started the Bears, scoring the first two touchdowns on interception returns. Wide receiver Vernon Butler ignited the offense, scoring on a 61-yard end-around play and catching a 21-yard pass from quarterback Thor Larsen. The 44-point win represents the widest margin of victory for either team since the 33-game series began in 1963.

Current record: 1-0

This week: 1:30 p.m. Saturday, Sept. 14, at Illinois College (Jacksonville)

### Men's soccer posts pair of shutout wins

Opening its season vs. two NCAA Division III rivals from St. Louis, the men's soccer squad registered two shutouts while scoring a combined 16 goals. The Bears started the season with a 4-0 win over Webster University at the St. Louis Soccer Park. Senior midfielder David Katz tallied two of the Bears' four goals. In their Francis Field debut, WU overwhelmed Fontbonne College 12-0, with senior Sean Fitzgerald and sophomore Greg Rheinheimer each tallying a hat trick (three goals in one game). The 12 goals in one game was the highest single-game output for a WU men's soccer team in 35 years. The fifth-ranked Bears now begin a grueling stretch of eight road games.

Current record: 2-0

This week: 5 p.m. (MDT) Friday, Sept. 13, at Colorado College (Colorado Springs); noon (MDT) Sunday, Sept. 15, vs. Claremont-Mudd-Scripps Colleges at Colorado College

### Volleyball opens season with victorious weekend

The volleyball team extended its winning streak to 23 matches, dating back to last season, as the Bears topped four Division II opponents to emerge undefeated from the Washburn University Invitational in Topeka, Kan. Sophomore

all-tournament performer Jennifer Martz hit .485 for the tournament with 21 blocks as WU topped the University of South Dakota (Vermillion) and host Washburn by 3-1 counts and Pittsburg (Kan.) State and Emporia (Kan.) State universities by 3-1 margins. Sophomore Jenny Cafazza also was named to the seven-player all-tournament squad.

Current record: 4-0

This week: 6 p.m. Thursday, Sept. 12, at St. Mary's University (San Antonio); 5 and 8 p.m. Friday, Sept. 13, and 10:30 a.m. and 4:30 p.m. Saturday, Sept. 14, at the Trinity University Powerbar National Classic (San Antonio)

### Women's soccer team jumps to 2-0 start

The women's soccer team is off to its best undefeated start in its eight-year history, matching the opening of the 1991 Bears. That squad also went 2-0 in its first two games. The 19th-ranked Bears opened by topping Augustana College (Rock Island, Ill.) 10-1 and the University of La Verne (Calif.) 3-1 at the WU Classic. The goal output in the opener set a school record, besting the previous record of nine goals in 1994 vs. Maryville University. Three players scored two goals in the opener, including junior college transfer Lynn Stoeher, who added a goal against La Verne to assume her spot as the team's leading scorer. The Bears' defense yielded just four shots on the weekend, with both goals coming off penalty kicks.

Current record: 2-0

This week: 4:45 p.m. Wednesday, Sept. 11, at Principia College (Elsah, Ill.); 7 p.m. Friday, Sept. 13, vs. Hope College (Holland, Mich.), Francis Field; 1 p.m. Sunday, Sept. 15, vs. Binghamton University (New York), Francis Field

### Cross country squads are off and running

Senior Asa Flanigan topped the men's field to lead the men's cross country team to the title at the Bearcat Distance Classic in Maryville, Mo., hosted by Northwest Missouri State University. Flanigan ran a 6K time of 18 minutes, 30.72 seconds to pace a pack of five WU runners who finished in the top 12. The women's team finished third behind sophomore Emily Richard's third-place (14:47.14) showing on the 4K course.

This week: 11 a.m. Saturday, Sept. 14, WU Invitational





### Taking care of business

Philip H. Dybvig, Ph.D., right, the Boatmen's Bancshares Professor of Banking and Finance at the John M. Olin School of Business, plays the keyboard with a band called Diversified Portfolio on Aug. 28 in Simon Hall's Lopata Courtyard. Diversified Portfolio performed during the business school's welcome-back barbecue for students, faculty and staff. Other band members are Margaret Brandietta (vocals and flute), Kyle Honeycutt (drums), Eric Foreman (bass guitar) and Eric McSpadden (vocals and harmonica). Gary M. Hochberg, Ph.D., not pictured, associate dean for the business school's undergraduate program, provided guest vocals for part of the performance.

## WU and Olin's undergraduate program ranked 17th

Washington University is ranked 17th among 229 national universities, according to U.S. News and World Report's 10th edition of "America's Best Colleges." The John M. Olin School of Business is listed 17th among the nation's undergraduate business programs. The results are published in the Monday, Sept. 16, issue of the magazine.

The ranking is the University's highest since the magazine began its survey in 1987. Positioned 20th each of the past two years, the University's ranking has fluctuated between 18th and 24th since the inception of the rankings.

"It is gratifying to see Washington University recognized as one of America's emerging, top-rated universities in the U.S. News and World Report rankings," said Chancellor Mark S. Wrighton, Ph.D. "We have long-term goals that began with our transition from a regional university in the 1960s to a national institution — goals that now carry us into the 21st century through the school-by-school planning efforts in Project 21.

"I am very pleased to be a part of this ongoing enterprise that has been made possible by the outstanding quality of faculty and students and by the generous support of alumni, parents and friends of the University who have contributed to this effort," Wrighton added.

The U.S. News rankings combine a school's academic reputation with data on its student selectivity, faculty resources, financial resources, retention and graduation rates, alumni satisfaction, student/faculty ratio, and student SAT/ACT scores. This year, more than 2,700 college presidents, deans and admissions directors participated in the survey of academic reputations.

As in years past, U.S. News continues to fine-tune its ranking criteria. This year, the magazine debuted a "value-added" measure designed to factor the educational value a school adds between freshman orientation and graduation. The measure focuses on the difference between a school's predicted graduation rate — based on the median entrance exam

scores of a school's entering students — and its educational expenditures per student in relation to its graduation rate.

Yale, Princeton and Harvard universities topped this year's U.S. News national list.

For the second year in a row, the magazine also ranked undergraduate business programs, based on reputational surveys of deans and administrators. The University's business school was tied for 17th — one spot lower than last year's inaugural ranking of 16th.

"I am pleased with these results and proud of what Olin's undergraduate program has accomplished," said Stuart I. Greenbaum, Ph.D., business school dean. "We renew our commitment to keep Olin at the forefront of management education."

Gary M. Hochberg, Ph.D., associate dean for the undergraduate program at the business school, added: "This is another external validation of the growing reputation and recognition of Olin's undergraduate program. We are proud that freshman applications have doubled since 1993, that enrollment is at an all-time high and that the quality and diversity of the entering class are the strongest in our history."

For a complete listing, access <http://www.usnews.com/usnews/fair/>.

— David Moessner

## Media's effect on American democracy focus of Fallows' Assembly Series lecture

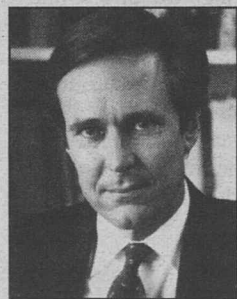
James Fallows, the recently named editor of U.S. News and World Report, will deliver an Assembly Series lecture on the media and American democracy at 11 a.m. Wednesday, Sept. 18, in Graham Chapel.

Titled "Breaking the News: How the Media Undermine American Democracy," the lecture is free and open to the public.

Fallows' book by the same title — published earlier this year — caused an uproar in journalistic circles. Fallows is critical of what he perceives as the media's obsession with political gamesmanship and trivia and its increasing coverage of such subjects at the expense of substantive issues. Fallows accuses the media of "contributing to a mood of civic disengagement" that he believes is harmful to the democratic process.

Prior to joining U.S. News, Fallows was Washington editor of The Atlantic Monthly for 16 years. His assignments for the magazine took him to the Far East for four years where his articles made him what Business Week termed "an intellectual opinion maker" on Japan and the region.

His 1989 book, "More Like Us: Making America Great Again," discusses American culture in relation to other societies, in particular those ascendant in Asia. "Looking at the Sun," about the rise of East Asian economies, was published in the spring of 1994. His first book, "National Defense," won a National Book Award in 1983.



James Fallows

After graduating Phi Beta Kappa from Harvard University, where he was editor of The Crimson, Fallows studied economics at Oxford University as a Rhodes Scholar. He served as a speech writer to President Jimmy Carter from 1977-79 and is a regular commentator on National Public Radio.

His lecture is co-sponsored by the Department of Political Science in Arts and Sciences, Student Union and the Council of Students of Arts and Sciences.

For more information, call (314) 935-5285.

## Students to meet leading architects in lecture series

From the curator of a nationally renowned architecture exhibit to the designer of exquisite lighting to a cutting-edge graphic designer, the School of Architecture's 42nd annual Monday Night Lecture Series promises a varied and noteworthy lineup.

The fall series opens at 8 p.m. Monday, Sept. 16, with R. Thomas Hille's lecture on "The Residential Design Legacy of William Wurster." Hille is the curator of a Wurster exhibit that's on display in Givens Hall through the end of this month. Hille also is an assistant professor at the College of Architecture and Urban Planning at the University of Michigan. The Givens Hall exhibit, titled "Inside the Large-Small House," is a study of the late California architect's work and showcases Wurster's modernist, straightforward style of residential designs through drawings, photographs and models.

The Monday Night Lecture Series is an excellent opportunity for students to hear and meet well-known architects from all over the world, said Dean Cynthia Weese, FAIA.

Leigh Ann Stringer, a member of the student committee that is running the 1996-97 lecture series, said this year's selection is designed to highlight the many career opportunities for architecture students in addition to those in the traditional building industry.

After the Sept. 16 opening, the fall series continues with the following:

- Sept. 30: Detlef Mertins, Ph.D., on "Anything but Literal: Sigfried Gideon's 'Transparency.'" An architect, historian and critic, Mertins is an assistant professor at the School of Architecture and Landscape Architecture at the University of Toronto. His topic focuses on Gideon, an architectural historian of the modern movement whose book "Space, Time and Architecture" is considered a classic.

- Oct. 7: Eva Jiricna on "Hi Tech, Lo Tech & No Tech." Jiricna, who owns an architectural firm in London, is originally from Czechoslovakia and was previously a practicing engineer.

- Oct. 29 (the only Tuesday lecture): Terry Sargent will discuss his recent projects, including those for the Summer Olympics in Atlanta, such as designs for the equestrian ring. Sargent will be in St. Louis as jury chair of the local American Institute of Architects' Design Award.

- Nov. 18: Paolo Rizzatto of Milan, Italy, will discuss his recent work. Rizzatto is an architect and lighting and industrial designer whose work represents the high style of contemporary lighting design. He is the Ruth and Norman Moore Visiting Lecturer.

- Dec. 2: David Carson on "The End of Print." Carson is the former editor of the graphic design magazine Raygun and a practicing graphic designer in San Diego.

Lectures begin at 8 p.m. in Steinberg Hall Auditorium. A reception follows in Room 120 Givens Hall. Sponsored by the architecture school and Student Union, the lectures are free and open to the public.

## Campus Watch

The following incidents were reported to the University Police Department from Sept. 3-8. Readers with information that could assist the investigation of these incidents are urged to call (314) 935-5555. This release is provided as a public service to promote safety-awareness on campus.

### Sept. 4

6:41 a.m. — A newspaper vending machine was reported stolen from the Women's Building between May 27 and Sept. 4.

### Sept. 5

10:05 a.m. — A Marriott Management Service Corp. manager reported that \$100 was stolen from an unlocked safe in the Mallinckrodt Center bakery.

12:29 p.m. — A student reported the theft of a mattress and box spring from the storage area at Millbrook Square apartments.

### Sept. 6

1:39 a.m. — A student reported that a water balloon broke through a window in Hurd Residence Hall and showered a stereo and telephone.

4:18 p.m. — A portable stereo, valued at

\$200, was reported stolen from a Lee Residence Hall lounge.

4:51 p.m. — A cordless drill, valued at \$200, was reported stolen from the Field House.

### Sept. 7

10:53 a.m. — St. Louis City Police contacted University Police regarding a subject they arrested who was in possession of property stolen from the Hilltop Campus. The subject was arrested by University Police and released pending application of warrants.

### Sept. 8

1:56 a.m. — Four students were arrested for allegedly trespassing at the new School of Law building construction site.

University Police also responded to four reports of stolen wallets, one report of a stolen bicycle and one report of vandalism.



# For The Record

For The Record contains news about a wide variety of faculty, staff and student scholarly and professional activities.

## Of note

**Viktor Hamburger**, Ph.D., the Edward Mallinckrodt Distinguished Professor Emeritus in the Department of Biology in Arts and Sciences, was presented with an honorary degree from Rockefeller University in New York. The degree, given at commencement exercises in June, is the third Hamburger has garnered in his career. He also has been honored by Washington University and the University of Uppsala in Sweden. Rockefeller University was founded in 1901 as the Rockefeller Institute for Medical Research. ...

**Jay F. Piccirillo**, M.D., assistant professor of otolaryngology, of occupational therapy and of internal medicine, received

a \$193,890 two-year grant from the National Cancer Institute for a project titled "Prognostic Stratification in Head and Neck Cancer." The purpose is to identify patient-based prognostic factors and combine them with the TNM tumor-staging system to improve estimates of prognosis and evaluations of treatment for patients with head and neck cancer.

## On assignment

**Wendy Hyman-Fite**, director of the English as a Second Language Program, was invited to be a member of the intensive English program evaluation team for the Oklahoma State Regents for Higher Education. The focus of the team was to determine whether the observed intensive English programs provide students with the necessary language skills to succeed in the American university system.

## Athletics announces three additions

Assistant sports information director Kevin Bergquist, assistant athletic trainer Terri Groessl and equipment manager Mike Frank have joined the Department of Athletics this fall, according to John Schael, director of athletics.

Bergquist assumed his duties as assistant sports information director Aug. 1 after spending the last two years working in the sports information office at the University of Michigan. He replaces David Moessner, who accepted a senior news writer/assistant editor position in Washington University's Office of Public Affairs.

A native of Peoria, Ill., Bergquist will assist in the promotion of the University's 15 varsity athletic programs. His duties include publicity for the Bears' nationally prominent women's programs.

Bergquist earned a bachelor's degree in mass communication (journalism) in 1992 from Illinois State University in Normal. He completed a sports internship at the Peoria Journal Star in 1994 and also worked for the men's sports information office at Southern Illinois University in Carbondale.

Groessl, a native of Algoma, Wis., joins the University as assistant athletic trainer after receiving a master's degree

in sports medicine from the University of Oregon in June. She replaces Destiny Teachnor-Hauk, who accepted a similar position at Illinois State University.

Groessl will assist head trainer Rick Larsen in the prevention, emergency care, first aid, evaluation and rehabilitation of injuries to the University's student-athletes.

A 1994 graduate of the University of Wisconsin in Madison, Groessl earned a bachelor's degree in exercise physiology with an emphasis on athletic training. At Wisconsin, she served as a student trainer for several sports.

Groessl most recently served as an athletic training instructor and head trainer for club sports at the University of Oregon. She also worked as a trainer in the sports medicine/physical therapy department of the student health center on the Eugene, Ore., campus.

Frank, a native of St. Louis, will assume the equipment manager's duties, effective upon Rich Wurm's retirement in December. Frank's primary responsibilities include the issuing of sports equipment to varsity athletic teams, maintenance of varsity and recreational equipment and locker areas, and assistance with facility projects within the Athletic Complex.

## Eddie Brown appointed director of the Kathryn M. Buder Center

Eddie Frank Brown, former assistant secretary of the Department of Interior and director of the U.S. Bureau of Indian Affairs, has been appointed the new director of the Kathryn M. Buder Center for American Indian Studies at the George Warren Brown School of Social Work. Brown also will serve as associate dean for community affairs.

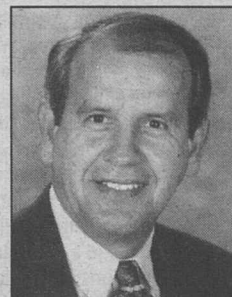
"Washington University and the Buder Center have a great potential to offer real assistance to those working with Indian communities," Brown said. "I am very pleased that the University has committed its resources and energy to this effort, and I look forward to helping them meet the challenge."

Brown, a member of the Pascua Yaqui tribe, earned a doctorate in social work in 1975 from the University of Utah in Salt Lake City, where he became an assistant professor. He since has held key positions in education and in state and federal government.

In his post at the Department of the Interior from 1989 to 1993, Brown developed national programs and policies to strengthen tribal capacities for self-determination and self-governance among American Indians and Alaskan natives. Speaking for the Bureau of Indian Affairs before Congress, he helped win a 31 percent increase in the operating budget for his programs, including a \$100 million boost for Indian education programs.

Since 1993, Brown has been a consultant and executive director of human resources for the Tohono O'odham Nation in Sells, Ariz. He supervised the provision of a broad range of social

services, including health and counseling services, drug and alcohol rehabilitation, and employment assistance.



Eddie Frank Brown

for teaching and research. "When I came here to visit and saw the interest and enthusiasm of the faculty and the administration, I was very impressed," Brown said. "It occurred to me that this would be an excellent place to build from — that this position offered a wonderful opportunity to bring the expertise of Washington University into play in helping Indians and Indian communities."

Brown is brimming with ideas about ways the Buder Center can address critical problems in the Indian community. He noted that recent developments, such as growth in tribal government, casino gambling and proposed welfare and health-care reforms, have spurred an immense demand for professionals trained to shape the future of Indians in America.

"The arrival of a person of Eddie Brown's experience and standing," said Dean Shanti K. Khinduka, Ph.D., "is a significant step in making the Kathryn M. Buder Center an outstanding and innovative place for the education of American Indian social work leaders of tomorrow."

## William Clark to chair speech, hearing

William W. Clark, Ph.D., director of professional services at the Central Institute for the Deaf (CID), has been named chairman of the Department of Speech and Hearing in Arts and Sciences.

Clark is a professor of physiological acoustics in that department, which is based at the CID. He has taught in the department since 1979 and directed its communication sciences program since 1989.

Clark, a leading expert on the effects

of noise on human hearing, has been a research scientist at the CID for more than 20 years and served as the interim director of research before his May appointment to the position of director of professional services at the CID.

In this position, he is in charge of the CID's school, clinics and graduate degree programs. As the chairman of the Department of Speech and Hearing, he will oversee the academic administration of the department.

## School of Medicine faculty members receive promotions

The following School of Medicine faculty received promotions on record as of July 31:

**Navinkumar Amin** to assistant professor of clinical ophthalmology and visual sciences

**Gerald L. Andriole** to professor of surgery

**Carlos Aquino-Aponte** to assistant professor of radiology

**James Bartelsmeyer** to assistant professor of obstetrics and gynecology

**Ingrid B. Borecki** to research associate professor of biostatistics

**Walter A. Boyle III** to associate professor of anesthesiology

**Keith Bridwell II** to professor of orthopaedic surgery

**James A. Brink** to associate professor of radiology

**Shael S. Bronson** to assistant professor of clinical psychiatry

**Marybeth Brown** to associate professor of physical therapy

**Robert J. Brown** to assistant professor of clinical obstetrics and gynecology

**Guojun Bu** to assistant professor of pediatrics

**Kathleen K. Bucholz** to research associate professor of epidemiology in psychiatry

**Peter M. J. Burgers** to professor of biochemistry and molecular biophysics

**Ronald J. Chod** to assistant professor of obstetrics and gynecology

**Jennifer W. Cole** to assistant professor of anesthesiology

**Patricia L. Cole** to associate professor of medicine

**John A. Cooper** to professor of cell biology and physiology

**Charles M. Crowder** to assistant professor of anesthesiology (also assistant professor of molecular biology and pharmacology)

**William B. Dawson** to associate professor of radiology

**Thomas M. Defer** to assistant professor of medicine

**Colin P. Derdeyn** to assistant professor of radiology

**Judith Dibble** to assistant professor of medicine

**Kathryn Diemer** to assistant professor of medicine

**Wayne C. Drevets** to associate professor of psychiatry

**Laura L. Dugan** to assistant professor of medicine

**Nuri B. Farber** to assistant professor of psychiatry

**Thomas A. Ferguson** to associate professor of ophthalmology and visual sciences

**Norman Fishman** to associate professor of clinical medicine

**Karen E. Forsman** to assistant professor of medicine (dermatology)

**Medha Gautam** to research assistant professor of molecular biology and pharmacology

**Katherine A. Gnauck** to assistant professor of pediatrics

**Daniel M. Goodenberger** to associate professor of medicine

**Lawrence T. Goodnough** to professor of medicine (also professor of pathology)

**Gregory Grant** to professor of biochemistry in medicine (dermatology) (also professor of molecular biology and pharmacology)

**Jonathan M. Green** to assistant professor of medicine (also assistant professor of pathology)

**Eduardo A. Groisman** to associate professor of molecular microbiology

**Polly A. Hansen** to research assistant professor of medicine

**Kevin M. Harris** to assistant professor of medicine

**Bruce H. Haughey** to associate professor of otolaryngology

**Andrew C. Heath** to professor of psychology in psychiatry (also associate professor of genetics and associate professor of psychology)

**Jay W. Heinecke** to associate professor of medicine

**Thomas E. Herman** to associate professor of radiology

**Anne Hing** to assistant professor of pediatrics

**Richard S. Hotchkiss** to associate professor of anesthesiology

**Richard C. Hresko** to research assistant professor of cell biology and physiology

**Charles B. Huddleston** to associate professor of surgery (cardiothoracic surgery)

**M'Liss Ann Hudson** to associate professor of surgery (urologic surgery)

**Michael F. Iademarco** to assistant professor of medicine

**Keith E. Isenberg** to associate professor of psychiatry

**Michael R. Jarvis** to associate professor of psychiatry

**Bruce A. Kaufman** to associate professor of neurological surgery

**Joseph L. Kenzora** to associate professor of medicine

**Carl G. Klutke** to associate professor of surgery (urologic surgery)

**Sandor J. Kovacs Jr.** to associate professor of medicine

**Howard Kurz** to assistant professor of medicine

**Michael E. Leavell** to assistant professor of anesthesiology

**Beth S. Lee** to research assistant professor of medicine

**Christopher J. Lingle** to professor of anesthesiology (also professor of neurobiology in the Department of Anatomy and Neurobiology)

**Daniel Link** to assistant professor of medicine (also assistant professor of pathology)

**Jennifer K. Lodge** to research assistant professor of molecular biology and pharmacology

**George B. Mallory** to associate professor of pediatrics

**Bess Marshall** to assistant professor of pediatrics

**Timothy J. McCarthy** to assistant professor of radiology

**Elspeth M. McDougall** to associate professor of surgery (urologic surgery)

**William B. Mehard** to assistant professor of radiology

**John W. Miller** to associate professor of neurology

**John J. O'Brien** to assistant professor of medicine

**Kenneth Phillips** to assistant professor of medicine

**Daniel Picus** to professor of surgery (also professor of radiology)

**Linda K. Proctor** to assistant professor of radiology

**Debra D. Pulley** to assistant professor of anesthesiology

**Diane Rankin** to assistant professor of clinical psychiatry

**Marcos Rothstein** to associate professor of medicine

**Jerome D. Sachar** to assistant professor of clinical obstetrics and gynecology

**Berette A. Salazar** to assistant professor of clinical psychiatry

**Perry L. Schoenecker** to professor of orthopaedic surgery

**Daniel P. Schuster** to professor of medicine (also professor of radiology, associate dean for clinical studies and director of the Center for Clinical Studies)

**Clay F. Semenkovich** to associate professor of medicine

**Steven D. Shapiro** to associate professor of medicine

**Andrew S. Shaw** to associate professor of pathology

**Nathan M. Simon** to assistant professor of clinical psychiatry

**Deborah S. Smith** to research assistant professor of surgery (urologic surgery)

**Thomas F. Smith** to professor of pediatrics

**Richard S. Sohn** to associate professor of neurology

**Nathaniel J. Soper** to professor of surgery (general surgery)

**Robert A. Swarm** to assistant professor of anesthesiology

**Isolde Thalmann** to research associate professor of otolaryngology

**Richard D. Todd** to professor of genetics (also Blanche F. Ittleson Professor of (Child) Psychiatry)

**Jerold W. Wallis** to associate professor of radiology

**James Wedner II** to professor of medicine

**David L. Weinstein** to assistant professor of clinical obstetrics and gynecology

**Kalvin L. White** to assistant professor of anesthesiology

**Gerald Wool** to associate professor of clinical pediatrics



# Opportunities & personnel news

## Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 130 West Campus, or by calling (314) 935-5906.

**Campus Computer Store Manager 970059.** *Campus Stores.* Requirements: bachelor's degree; related course of study highly preferred; two years supervising experience; strong customer-service orientation; knowledge of academic computing environment highly preferred; knowledge of standing applications at technical coordinator level; merchandising experience; knowledge of MSDOS. Application required.

**Audiovisual Coordinator/Video Tech I 970064.** *School of Law.* Requirements: high school graduate; dependability; willingness to work flexible hours, including evenings or weekends; ability to learn video recording; some experience managing audiovisual activity preferred; organizational skills; scheduling experience preferred. Application required.

**Assistant Director for Research Communications 970065.** *Medical Public Affairs.* Requirements:

bachelor's degree, master's degree preferred, with specialization in medical journalism or communications; academic background in the sciences highly preferred; five years experience in the media or in public relations, preferably in the area of science or medicine; demonstrated skill in science writing and a knowledge of media operations; ability to plan, organize, implement and manage research news initiatives. Application required.

**Senior Associate 970067.** *Center for the Application of Information Technology.* Requirements: bachelor's degree; advanced degree preferred; excellent presentation skills; facilitator skills; teaching experience strongly preferred; substantial experience in developing and delivering educational and training programs; excellent verbal and written communication skills; experience and/or education in computing and information systems, networking and telecommunications; industry experience preferred. Application required.

**Public Services/Stack Maintenance/Updating 970070.** *School of Law.* Requirements: high school graduate, some college preferred; library technical services experience. Application required.

**Administrative Assistant 970073.** *Board of Trustees/Women's Society.* Requirements: high school

graduate, some college preferred; excellent organizational and verbal skills; efficiency in word processing and data processing; highly developed computer skills and ability to creatively use computer to increase office efficiency; ability to coordinate numerous event-preparation details; willingness to work outside of office hours setting up meetings/events; skill in writing and proofing minutes and reports; appreciates need for accuracy, even in routine things; willingness to assist in a variety of tasks; pleasant with fellow workers and external constituencies; five years secretarial experience. Application required.

## Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at (314) 362-4920 to request an application. External candidates may call (314) 362-7195 for information regarding application procedures or may submit a résumé to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note that the medical school does not disclose salary information for va-

cancies, and the office strongly discourages inquiries to departments other than human resources. Job openings also may be reached via the World Wide Web at <http://@medicine.wustl.edu/wumshr>.

**Medical Research Technician 960978-R.** *Neurological Surgery.* Requirement: bachelor's degree. Responsibilities include laboratory assistant duties for a scientist conducting primarily cerebrovascular studies in rodents; animal dissection; preparation of solutions; data management and analysis; conducting experiments; writing manuscripts; ordering supplies; and other duties.

**Nurse Practitioner 960987-R.** *Internal Medicine.* Requirements:

bachelor's degree or equivalent with registration/licensure/accreditation in nurse practitioner program. Responsibilities include performing total nursing care and providing consultation and education to patients/families under the direction of a physician.

**Secretary 961092-R.** *Budget Office.* Requirements: high school graduate or equivalent, bachelor's degree preferred; three to five years experience; experience in a business environment; ability to use PC spreadsheet and word processing software; ability to manage multiple tasks and work effectively with all staff levels.

**Special Procedure Technologist 970084-R.** *Radiology.* Requirements: R.T. licensing; research

experience strongly desired, but candidates with a minimum of five years R.T. experience will be considered; familiarity with Macintosh computers and software preferred. Responsibilities include data acquisition and analysis, records management, patient recruiting, scheduling, patient follow-up, and laboratory experiments so that clinical trials are analyzed and administered.

**Accounting Assistant 970176-R.** *Surgery.* Requirements: high school graduate or equivalent; two to three years related accounting or bookkeeping experience. Responsibilities include handling accounting for purchases, supplies and account charges.

## Group long-term care insurance to be explained in several employee informational meetings

The human resources offices have scheduled 12 employee informational meetings to explain a new Washington University benefit — group long-term care insurance. The meetings will be held in October on the Hilltop, Medical and West campuses.

Enrollment for the insurance plan will begin in late September and end Nov. 8. Eligible faculty, staff and retirees will receive information and enrollment materials at their homes during the week beginning Sept. 30. Employees can enroll by mail or by calling a toll-free number.

The group policy offers several advantages compared with TIAA individual coverage, including guaranteed acceptance for eligible faculty and staff (who enroll before Nov. 8), a five-year rate guarantee, and an unlimited benefit period option. Employees covered under a TIAA individual policy will have the option to switch coverage.

Thomas W. Lauman, director of benefits, said the meetings also will provide general information on long-term care, explaining that it is affordable — with lower rates for young people — and that it is not restricted to the elderly. This insurance policy offers coverage at a time when nursing home care averages more than \$36,000 a year. Experts predict the costs will surpass \$48,000 annually by the year 2001.

The meeting schedule is as follows:

### Tuesday, Oct. 8

8 a.m. Medical Campus: Schwarz Auditorium, first floor, Maternity Building  
2 p.m. West Campus: Conference Room A

### Wednesday, Oct. 9

9 a.m. West Campus: Conference Room A  
3 p.m. Medical Campus: Cori Auditorium, 4565 McKinley Ave.

### Thursday, Oct. 10

10:30 a.m. Medical Campus: Cori Auditorium  
2 p.m. Hilltop Campus: Women's Building Lounge

### Tuesday, Oct. 22

10:30 a.m. Medical Campus: Cori Auditorium  
2 p.m. Hilltop Campus: Brown Hall Lounge

### Wednesday, Oct. 23

8 a.m. Medical Campus: Schwarz Auditorium  
2 p.m. Hilltop Campus: Women's Building Lounge

### Thursday, Oct. 24

9 a.m. West Campus: Conference Room A  
3 p.m. Medical Campus: Moore Auditorium, 660 S. Euclid Ave.

For more information, call Sylvia Turnbough (935-5931) or Mary Stull (935-5907) on the Hilltop Campus or Lanelle Coleman (362-7204) or Pat Clayton (362-4929) at the Medical Campus.

## WU issues policy on consensual faculty-student relationships

Washington University publishes the following policy for the benefit of its employees:

Interactions between faculty and students at Washington University are guided by mutual trust, confidence and professional ethics. Professional faculty/student relationships have a power differential between faculty and students; personal faculty/student relationships carry risks of conflict of interest, breach of trust, abuse of power and breach of professional ethics.

### A. Policy

Faculty members shall not engage in consensual relationships with students whenever the faculty member has a professional "position of authority" with respect to the student in such matters as teaching a course or in otherwise evaluating, supervising, or advising a student as part of a school program. Should a consensual relationship develop, or appear likely to develop, while the faculty member is in a position of authority, the faculty member and/or the student shall terminate the position of authority. Even when the faculty member has no professional responsibility for a student, the faculty member should be sensitive to the perceptions of other students that a student who has a consensual relationship with a faculty member may receive preferential treatment from the faculty member or the faculty member's colleagues.

### B. Definitions

1. *Faculty*, for purposes of this policy only, consist of all full- or part-time faculty, teaching assistants, graders, members of dissertation committees and all other personnel who teach, coach, evaluate, allocate financial aid to or guide research by students.
2. *Students* are all full- or part-time students.
3. A *consensual relationship* is any dating, romantic, sexual or marriage relationship.
4. *Position of authority* includes, but may not be limited to, situations in which the faculty member makes or is responsible for an evaluation

of a student for admission, coursework, promotion, financial aid, research funding, suspension, expulsion or other discipline. (Faculty providing instruction without evaluation are not necessarily in positions of authority.)

### C. Procedures

When a faculty/student consensual relationship exists or develops, a faculty position of authority with respect to the student must be avoided or terminated. Avoidance or termination includes, but is not limited to: the student not enrolling in a course; a qualified alternative faculty member or teaching assistant taking the position of authority; transfer of the student to another course, section, seminar, etc., taught by a different faculty member or teaching assistant; assigning or transferring the student to another academic advisor; the student dropping a course.

### D. Non-Compliance With Policy

Any credible allegation of a faculty member's failure to avoid or terminate a position of authority while in a consensual faculty/student relationship obligates the department chair, dean or other responsible person to conduct a prompt and thorough inquiry to determine whether the allegation is true. Where it is concluded that a position of authority in a faculty/student consensual relationship exists and the faculty member and/or the student involved refuse(s) to terminate the position of authority, the department chair or dean shall terminate the position of authority and can impose sanctions against the parties involved.

### E. Sanctions

Persons in violation of this policy shall be subject to sanctions ranging from verbal warnings to dismissal or termination. Persons who knowingly make false allegations that a faculty/student consensual relationship overlaps with a position of authority between the two shall be subject to the same sanctions.

### F. Faculty Rights

Nothing herein shall abridge the rights of faculty as outlined in the Washington University Policy on Academic Freedom, Responsibility, and Tenure.

## Lottery to allocate debate tickets — from page 1

then will allocate a yet-to-be-determined number of tickets to the University.

In 1992, fewer than 100 students received tickets to attend the debate.

This is how this year's lottery will work:

A computer will generate a randomized list of all enrolled students and then will assign a rank-order number to each student.

Yoak's staff will call those students who are most likely to be offered a ticket. In addition, a list of the student identification numbers of these students and the rank-order numbers assigned to them will be posted on the Hilltop and Medical campuses and at the South Forty. (Only identification numbers and rank-order numbers, not names, will appear on this list.)

When the probable number of student attendees is known, the registrar's office will call each of the rank-ordered students at his or her local telephone number, starting with the student assigned No. 1. If a student can't be reached at his or her local phone number after two attempts, Yoak's staff will call the student's alternate phone number listed on enrollment records. If, after this one additional attempt, the student still can't be reached or doesn't respond, Yoak's staff will move to the next names on the rank-order list.

Yoak recommends students make sure their telephone numbers are current and

correct. Students should update their addresses and phone numbers using the student access computer terminals on campus.

While calling the students, Yoak's staff will give each of them instructions as to where and when to report to find out if they will in fact receive a ticket.

### Other ways to get involved

For those who can't be a part of the live audience, there are several other opportunities to become involved with the debate. Student volunteers are needed from Sept. 19-26 to assist with tasks such as answering telephones for the Commission on Presidential Debates, preparing and checking credentials, serving as facilitators for DebateWatch '96, assisting the media with their needs, helping usher people to their seats at the debate itself, and cleaning up after it's finished.

Volunteer application forms are available in the Career Center, Room 150 Umrath Hall.

Students living in residence halls, fraternities and Millbrook Square apartments who subscribe to the University's cable-TV package will be able to watch a live simulcast of the debate on Channel 57. (The live simulcast is the network pool feed of the debate.) In addition, there will be other locations throughout campus for public viewing on big screens.